

BEST AVAILABLE COPY

1111.64360

PATENT APPLICATION

NOV -3 PM 3: 57

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

US PATENT & TRADEMARK
OFFICE

In Re U.S. Patent Application)

Applicant: Sato et al.)

Serial No. 09/581,468)

Filed: June 12, 2000)

Conf. No.: 9963)

For: MAGNETIC SENSOR,)
MAGNETIC HEAD,)
MAGNETIC ENCODER)
AND HARD DISK)
DEVICE)

Art Unit: 2653)

Examiner: Blouin, Mark S.)

*I hereby certify that this paper is being deposited with the
United States Postal Service as FIRST-CLASS mail in an
envelope addressed to: Mail Stop 16, Director of the US
Patent and Trademark Office, P.O. Box 1450, Alexandria,
VA 22313-1450, on this date.*

October 30, 2006

Date

Registration No. 47,954

REQUEST FOR A REFUND TO DEPOSIT ACCOUNT 07-2069

Mail Stop 16
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

On September 7, 2005, Applicants paid the Issue Fee for the above-referenced Application (copy of check included). On November 2, 2005, Applicants filed a Petition to Withdraw the Application from Issue after Payment of the Issue Fee under 37 C.F.R. 1.313(c)(2). The Office granted this

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09/12/2006 CNGUYEN3 00000000 09581468
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1111.64360

Serial No. 09/581,468

communication dated November 8, 2005 (copy also enclosed), which further indicated that the Issue Fee already paid could be applied to any subsequent Issue Fee.

A second Notice of Allowance mailed November 29, 2005 (copy enclosed) correctly indicated that no additional fees were due. A third Notice of Allowance mailed July 11, 2006 (copy enclosed), however, indicated that the Issue Fee was to be paid again, though this same paper also clearly shows that the Issue fee was "Previously Paid."

On September 7, 2006, therefore, Applicants paid the Issue Fee again for this case (copy of second check also enclosed), in order to avoid any possibility of this case going abandoned by mistake. Because the Issue Fee had already been paid though, this second payment was both duplicative and unnecessary.


Applicants therefore request a refund in the total amount of \$1,400.00, which reflects the amount of the duplicate Issue Fee paid. Applicants respectfully request that the \$1,400.00 refund be credited to Deposit Account No. 07-2069.

Should there be any questions regarding this Request, please contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By


Josh C. Snider,

Registration No. 47,954

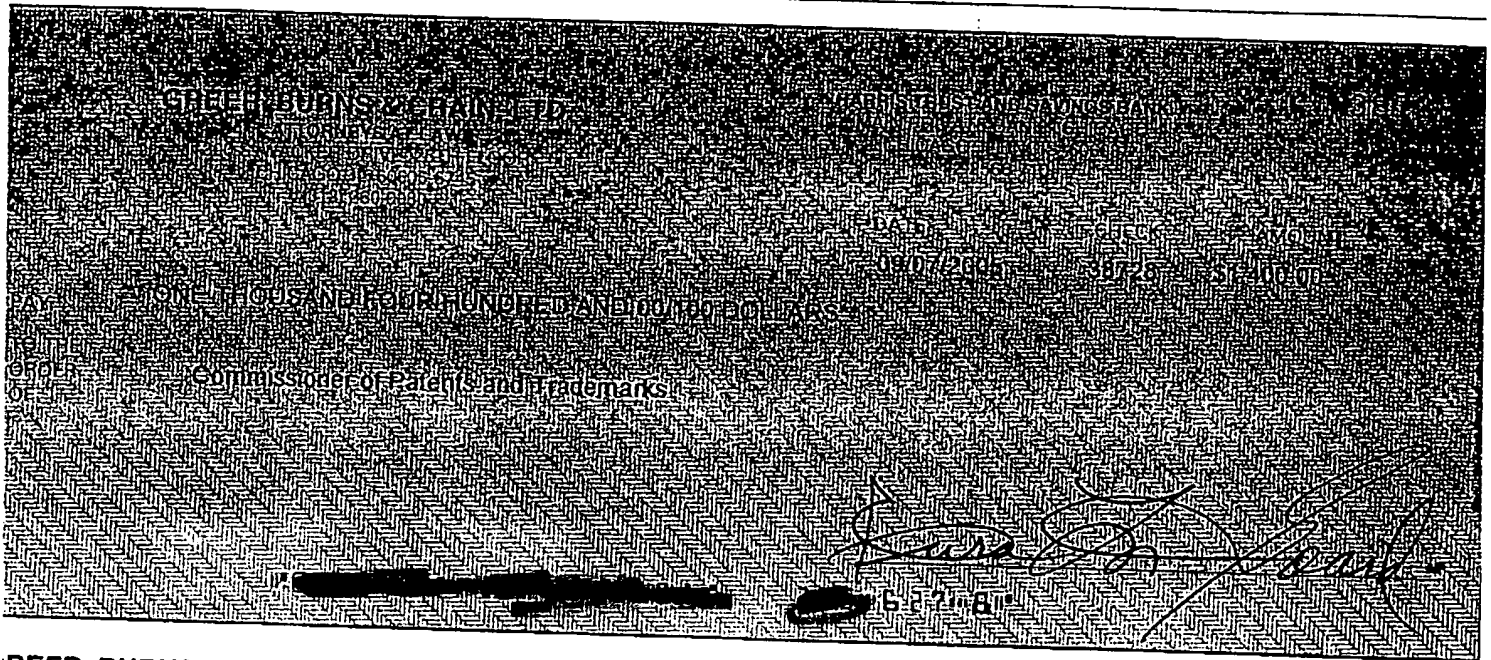
Customer No. 24978
October 30, 2006
300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315

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38728

DATE	DESCRIPTION	INVOICE #	AMOUNT	CHECK DEDUCTION	NET AMOUNT
09/02	Commissioner of Patents and Trademarks				
9/7/2005	PTO Issue Fee 1111.64360.	Invoice #	Exp Code	Client #	Matter #
			308	1111	64360
				GL #	11202
					38728
					Amount
					1,400.00

CHECK DATE 09/07/2005	CONTROL NUMBER	TOTALS ►	1,400.00
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GREER, BURNS & CRAIN, LTD.

0002 Commissioner of Patents and Trademarks
Date Description
9/7/2005 PTO Issue Fee 1111.64360

38728

Invoice # Exp Code Client # Matter GL # Amount
308 1111 64360 11202 38728
1,400.00

Total this stub

1,400.00

1111.64360

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)

Applicant: Sato et al.)

Serial No. 09/581,468)

Filed: June 12, 2000)

Conf. No.: 9963)

For: MAGNETIC SENSOR,)
MAGNETIC HEAD,)
MAGNETIC ENCODER)
AND HARD DISK)
DEVICE)

Art Unit: 2653)

Examiner: Blouin, Mark S.)

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October 30, 2006

Date

Registration No. 47,954

REQUEST FOR A REFUND TO DEPOSIT ACCOUNT 07-2069

Mail Stop 16
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

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Serial No. 09/581,468

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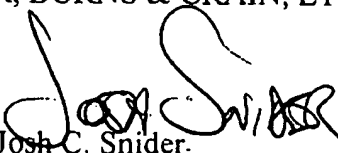
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Should there be any questions regarding this Request, please contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By


Josh C. Snider.

Registration No. 47,954

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October 30, 2006
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Suite 2500
Chicago, Illinois 60606
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Facsimile: (312) 360-9315

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Commissioner for Patents
United States Patent and Trademark Office
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PATRICK G. BURNS
GREER BURNS & CRAIN LTD.
300 S. WACKER DR., SUITE 2500
CHICAGO, IL 60606

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NOV 08 2005

OFFICE OF PETITIONS

ON PETITION

In re Application of
Masashige Sato et al
Application No. 09/581,468
Filed: June 12, 2000
Attorney Docket No. 1111.64360

This is a decision on the petition, filed November 4, 2005 under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.


The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

Petitioner is advised that the issue fee paid on September 9, 2005 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.

Telephone inquiries should be directed to Irvin Dingle at (571) 272-3210.

This matter is being referred to Technology Center AU 2653 for processing of the request for continued examination under 37 CFR 1.114 and for consideration of the concurrently filed Information Disclosure Statement.


Irvin Dingle
Petitions Examiner
Office of Petitions

¹ The request to apply the issue fee to the new Notice may be satisfied by completing and returning the new Issue Fee Transmittal Form PTOL-85(b), which includes the following language thereon: Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or re-apply any previously paid issue fee to the application identified above. Petitioner is advised that, whether a fee is indicated as being due or not, the Issue Fee Transmittal Form must be completed and timely submitted to avoid abandonment. Note the language in bold text on the first page of the Notice of Allowance and Fee(s) Due (PTOL-85).



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

11/29/2005

Patrick G Burns Esq
Greer Burns & Crain Ltd
300 S. WACKER DR., SUITE 2500
Chicago, IL 60606

EXAMINER

BLOUIN, MARK S

ART UNIT

PAPER NUMBER

2653

DATE MAILED: 11/29/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/581,468	06/12/2000	MASASHIGE SATO	1111.64360	9963

TITLE OF INVENTION: MAGNETIC SENSOR, MAGNETIC HEAD, MAGNETIC ENCODER AND HARD DISK DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$0	\$0	\$0	02/28/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status ~~before~~, or is now claiming SMALL ENTITY status, check box 5a on ~~Part B - Fee(s)~~ Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 07/

Patrick G Burns Esq
Greer Burns & Crain Ltd
300 S. WACKER DR., SUITE 250
Chicago, IL 60606

EXAMINER

BLOUIN, MARK S

ART UNIT

PAPER NUMBER

2627

DATE MAILED: 07/11/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/581,468	06/12/2000	MASASHIGE SATO	1111.64360	9963

TITLE OF INVENTION: MAGNETIC SENSOR, MAGNETIC HEAD, MAGNETIC ENCODER AND HARD DISK DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	\$1400	10/11/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status ~~before~~, or is now claiming SMALL ENTITY status, check box 5a of Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

1111.64360

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

Applicant: Sato et al.

Serial No. 09/581,468

Confirmation No.: 9963

Filed: June 12, 2000

For: MAGNETIC SENSOR, MAGNETIC
HEAD, MAGNETIC ENCODER AND
HARD DISK DEVICE

Art Unit: 2627

Examiner: Blouin, Mark S.

I hereby certify that this paper is being deposited with the
United States Postal Service as FIRST-CLASS mail in an
envelope addressed to: Mail Stop ISSUE FEE,
Commissioner for Patents, PO Box 1450, Alexandria, VA
22313-1450, on this date

September 7, 2006

Date

F-CLASS WCM
Appr February 20, 1998

Registration No. 47,954
Attorney for Applicant

ISSUE FEE TRANSMITTAL

Mail Stop ISSUE FEE
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed herewith please find:

- (X) Form PTOL-85B (in duplicate), with check for \$1,400.00 (Issue Fee).
- (X) Fourth Request for Acknowledgment of Consideration of an Information Disclosure Statement with courtesy copies of the originally filed IDS, Form PTO-1449, and the return postcard (indicating receipt by the Patent and Trademark Office), and courtesy copies of the Resubmission of Information Disclosure Statement and the return postcard (indicating receipt by the Patent and Trademark Office).
- (X) If a publication fee is due and is not enclosed, or is enclosed in an improper amount, the Commissioner is authorized to charge the publication fee (or any deficiency in such fee) to Deposit Account No. 07-2069.
- (X) The Commissioner is authorized by the undersigned to charge any additional fees which may be required to this application under 37 C.F.R. 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 07-2069. A duplicate copy of this page is enclosed herewith.

Customer No. 24978
September 7, 2006
300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315
P:\DOCS\111164360\AM3525.DOC

Respectfully submitted,
GREER, BURNS & CRAIN, LTD.

By

Josh C. Snider, Reg. No. 47,954

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

07/11/2006

Patrick G Burns Esq
 Greer Burns & Crain Ltd
 300 S. WACKER DR., SUITE 2500
 Chicago, IL 60606

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

<u>Josh C. Snider</u>	(Depositor's name)
<u>[Signature]</u>	(Signature)
<u>September 7, 2006</u>	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/581,468	06/12/2000	MASASHIGE SATO	1111.64360	9963

TITLE OF INVENTION: MAGNETIC SENSOR, MAGNETIC HEAD, MAGNETIC ENCODER AND HARD DISK DEVICE

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nonprovisional	NO	\$1400	\$0	\$1400	\$1400	10/11/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
BLOUIN, MARK S	2627	360-324200

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 GREER, BURNS &
 2 CRAIN, LTD.
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

FUJITSU LIMITED

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Kawasaki, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☒ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 07-2069 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature [Signature]
 Typed or printed name Josh C. Snider

Date September 7, 2006
 Registration No. 47,954

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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GREER, BURNS & CRAIN, LTD.

43139

DATE	DESCRIPTION	INVOICE #	AMOUNT	CHECK DEDUCTION	NET AMOUNT
0002	Commissioner of Patents and Trademarks				
9/6/2006	PTO Issue Fee	Invoice #	Exp Code	Client #	Matter #
		308	1111	64360	GL #
				11202	Amount
					1,400.00

CHECK DATE 09/06/2006	CONTROL NUMBER	TOTALS ▶	1,400.00
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GREER, BURNS & CRAIN, LTD.
ATTORNEYS AT LAW
300 S. WACKER DRIVE 25TH FLOOR
CHICAGO, IL 60606-6771
(312) 360-0080

HARRIS N.A.
HARRIS PRIVATE BANK
2-2566-710

DATE: 09/06/2006
CHECK: 43139
AMOUNT: \$1,400.00

PAY ** ONE THOUSAND FOUR HUNDRED AND 00/100 DOLLARS **

TO THE ORDER OF: Commissioner of Patents and Trademarks

[Signature]
2756

REER, BURNS & CRAIN, LTD.

43139

0002 Commissioner of Patents and Trademarks

Date Description
9/6/2006 PTO Issue Fee

Invoice # Exp Code Client # Matter GL # Amount
308 1111 64360 11202 1,400.00

Total this stub

1,400.00

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